CONFIDENTIAL

SOD-M74-040
7 June 1974

MEMORANDUM FOR: Chief, Communications Services, OC

                : Chief, Programs and Budgeting Staff, OC

INFORMATION   : Executive Assistant, OC

SUBJECT   : Phase I STRES Initial Proposals

Attached is the Phase I STRES working paper to be used in our discussions with OJCS. We would appreciate receiving your comments by 14 June 1974.

                        Chief, Staff Operations Division, OC

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Attachment:
  Phase I STRES Proposals

Distribution:
  Original - Chief, OC-S w/att
       1 - Chief, OC-P w/att
      1 - OC-EXA w/att

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PHASE I STRES

PROGRAM REWRITE

INITIAL PROPOSALS

The attached outline presents a brief explanation of
the various reporting requirement categories proposed for
the program rewrite of the Phase I STRES Program. The
context of the outline explanation and reporting method is
predicated on a certain number of basic assumptions regarding
STRES program software and, in several instances, ancillary
hardware. We are assuming that:

A. A cable report to data input process will
be feasible through some sort of software interface
at Headquarters.

B. The data will be accessible from remote
terminals, not necessarily at any random time
(on-line system) but during stipulated access
times.

C. No printed reports will be scheduled for
regular production such as the complete machine
listing we now receive. When a certain piece of
information is required, the data will be "called-up"
on a terminal and displayed. If the customer
requires a printed copy of the information, the
required information can be "spilled" to an ancillary
printer.

D. Individual station statistics can be
combined and totaled to produce "total figure"
statistics, through executive software commands,
for any given area of reporting, i.e., "Display
total Agency messages in Africa Division for May
1974." The program then allows for a search of
the individual AF Station records and totals all
messages in the Agency Message area for May 1974.

E.   Any record display will be for a six month
period and a previous six month average will also
be displayed for any given record called up.

F.   All updates are conducted monthly and all
statistics listed are monthly records unless
stipulated otherwise. All update information will
be derived from the field Phase I STRES cable with
the exception of Headquarters.

The attached outline presents INITIAL PROPOSALS with reporting requirements defined by the project officer after discussions with concerned customers. Final proposals result- ing from this effort will be used to set forth reporting requirements in the OJCS program rewrite. It is requested that reviewing personnel add any comments to assist in finalizing these proposals. A space has been provided at the end of each category proposal for appropriate comments. Prior to the opening of discussions with OJCS in early July we should have these proposals firmed up and be ready to respond positively to programmer queries regarding our rewrite. Once the rewrite begins, we do <u>not</u> plan to change or modify the requirements for the foreseeable future.

A. TDY: This is an OC-P requirement in
support of the "Management Statistics" booklet
prepared each fiscal year. (Chart title, "TDY
BY OVERSEAS AREAS (man-days)"). The purpose of
the reporting is to provide an Area-by-Area break-
down of the total number of TDY man-days expended
within the Area during the fiscal year. This figure
will be compiled and reported by each Area Head-
quarters only. It will appear as one total sum
figure of all TDY, by man-days, expended by Area
OC personnel, regardless of panel or grade.
This report was formerly derived from the Area
Headquarters quarterly report and forwarded to OC-P
by OC-S.

Review Comments:

B. OVERTIME: This is an OC-P requirement in
support of the "Management Statistics" booklet prepared
each fiscal year. (Chart title, "Hours of Overtime").
The purpose of reporting is to provide an Area-by-Area
breakdown of the total amount of overtime claimed by
Area personnel during the fiscal year. Reporting will
also support management of the Area allotment of over-
time and allow OC-P to adjust allotments as required
by the needs of the various Areas. The information
will appear as one total sum figure of all overtime
claimed by personnel assigned to that Station or by
that Area's personnel TDY to the Station. OSG personnel
will report any overtime claimed as a part of the TDY
Station's total figure. Overseas personnel on TDY to
an Area other than their assigned Area will report from
their home Station and not the TDY Station. A combined
total overtime figure will be reported for personnel
in Panels T, N and C regardless of grade. It should
be noted for future planning in Phase II that overtime
figures for Headquarters [   ] are also   25X1
included in the "Management Statistics" booklet as a
part of the "Hours of Overtime" chart. Consideration
should be given to the interface of the statistics
from overseas areas with the Headquarters [   ]   25X1
25X1   [   ] to provide a total lump sum report of over-
time expended in OC.

Review Comments:
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C. AGENCY MESSAGES: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "CIA Messages Processed by CIA Stations in DD/O Overseas Areas" and "Messages Processed in the CIA Communications Network"). The purpose of the report is twofold. First, it provides a total number of messages by DD/O Area for OC-P's chart. Secondly, it breaks down a Station's CIA message load by category with transmission and receipt activity in each category. The categories are as follows:

   1. Command Messages

   2. Telepouch

   3. CEC (CRITICOM ELINT COMINT)

   4. Option reporting

Program software will key on the Station name to determine in which DD/O Area the Station is located. Most all other statistics required are based on the Station's Communications Area location. Accounting will be as follows:

   1. Command - SENT _____
          RECEIVED _____

   2. Telepouch - SENT _____
          RECEIVED _____

   3. CEC - SENT _____
       RECEIVED _____

   4. Option - SENT _____
        RECEIVED _____

   5. Activations - _____ (Pertains to
             After hours)

Review Comments:

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      D. ☐ SUPPORTED AGENCY MESSAGES: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "Messages Processed in the CIA Communications Network"). The main purpose of the reporting is to provide a yearly total number of ☐ supported agencies, with the exception of ☐ are also counted in this area) handled within the CIA Network. Statistics are broken down into four accounting areas which includes those messages switched by a Message Routing System (MRS) where appropriate. Accounting will be as follows:

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     1. ☐ - SENT _____
               RECEIVED _____

     2. MRS - _____

     3. Poked - _____

     4. Activations - _____ (Pertains to After hours)

Review Comments:

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E. [____]MESSAGES: This is an OC-P requirement
in support of the "Management Statistics" booklet
prepared each fiscal year. (Chart title, "Messages
Processed in the CIA Communications Network"). The
main purpose of the reporting is to provide a yearly

25X1   total number of [____]messages, including [_____]   25X1
handled within the CIA Network. Statistics are
broken down into either three or four accounting
areas, depending on the category of traffic. Mes-
sages switched by a Message Routing System (MRS) are
shown where appropriate. Accounting will be as follows:

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            1.  ┌──┐  - SENT        _____
                │  │    RECEIVED    _____
                │  │    MRS         _____
                │  │    POKED       _____
                │  │    ACTIVATIONS _____  (Pertains to
                │  │                          After hours)
                │  │
            2.  └──┘  CEC - SENT        _____
                            RECEIVED    _____
                            POKED       _____
                            ACTIVATIONS _____  (Pertains to
                                                  After hours)
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Review Comments:

F. TOTAL TRANSMISSION WORKLOAD: This is a
requirement of Staff Operations Division for
personnel and network management. OC-P does not
publish these statistics in their "Management
Statistics" booklet. The purpose of the reporting
is to provide useful information on a Station's
total transmission load by transmission means and
applies to all circuits where CIA operates at least
one end of the circuit. The statistics will be broken
down into five different transmission means areas
with a sum total of transmissions shown for each
means utilized. Accounting will be as follows:

1. SKYLINK - Record _____
Voice _____ (OJCS to key
voice statistics
out of Transmis-
sion Load totals)

2. RTTY _____

3. LL/ALLOC _____

4. CW _____

Review Comments:

G.   SPECIFIC CIRCUIT TOTALS: This is a require-
ment of Staff Operations Division in support of network
management.   OC-P does not publish these statistics
in their "Management Statistics" booklet.   The purpose
of the reporting is to provide information on transmission
workloads by specific circuits.   Statistics will be
shown by distant end designations followed by the work-
load of each particular circuit, combined IN/OUT.
Overload and Bravo channels will be listed separately.
Relay stations will report loads on circuits to other
Agency Relay Stations, all CRITICOM circuits and all
circuits with non-Agency personnel on the distant end.

Review Comments:

H. OFF-LINE WORKLOADS: This is a require-
ment of Staff Operations Division in support of
network management and personnel staffing. OC-P
does not publish these statistics in their "Manage-
ment Statistics" booklet. The purpose of the reporting
is to provide information on the amount of traffic
being processed in CIA off-line cryptographic systems.
The information pertains only to those cryptographic
links which are used as the primary link and not
those used for proficiency practice or backup use.
Clandestine communications cryptographic activity
will not be reported. Information will be listed
as total load, combined IN/OUT, per type of off-line
system employed. Accounting will be as follows:

1. OTT   _____

2. OTP   _____

3. HL-17   _____

4. OTHER (Specify) _____

Review Comments:

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    I. COMMERCIAL COSTS: This is an OC-P require-
ment to assist in determining the amount of money owed
by CIA to [ ] for Telex or com-
mercial cable costs involved in the transmission of
CIA off-line messages via commercial means utilizing
a [ ] format and billed to [ ]
Information will appear as a dollar amount which
represents the exact or estimated cost of commercially
filed traffic originated by (outgoing) CIA at a given
post. At present there are only three stations who
report commercial cable costs on a regular basis. The
number of transmissions or groups need not be reported
in this area of accounting.

Review Comments: